



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

June 2, 2004
Date

Ayesha J. Shaikh
Ayesha J. Shaikh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. :	10/815,890	Confirmation No. :	Not Yet Assigned
Applicant :	Howard C. Kirsch		
Filed :	March 30, 2004	Attorney Docket No.:	501214.02 (30204/US/2)
Art Unit :	Not Yet Assigned	Customer No. :	27,076
Examiner :	Not Yet Assigned		
Title :	SYSTEM AND METHOD TO AVOID VOLTAGE READ ERRORS IN OPEN DIGIT LINE ARRAY DYNAMIC RANDOM ACCESS MEMORIES		

SUPPLEMENTAL PRELIMINARY AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please amend the above-identified application as follows:

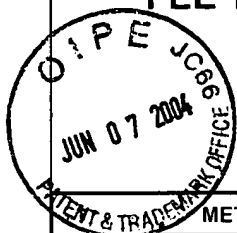
Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.

06/08/2004 SZEWDIE1 00000074 10815890

01 FC:1202	54.00 OP
02 FC:1201	172.00 OP

FEE TRANSMITTAL SHEET (FOR FY 2004)



Complete if Known

Application No. 10/815,890
Filing Date March 30, 2004
First Named Inventor Howard C. Kirsch
Group Art Unit Not Yet Assigned
Examiner Not Yet Assigned
Atty. Docket Number 501214.02 (30204/US/2)

METHOD OF PAYMENT (Check One)

FEE CALCULATION (Continued)

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. ☒ Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1001	770	2001	385	<input type="checkbox"/> Utility Filing Fee
1002	340	2002	170	<input type="checkbox"/> Design Filing Fee
1003	530	2003	265	<input type="checkbox"/> Plant Filing Fee
1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee
1005	160	2005	80	<input type="checkbox"/> Provisional Filing Fee

Subtotal (1) \$ 0

2. EXTRA CLAIM FEES

Current Claims	Prior	Extra	Fee	Fee Paid
Total 23	- 20	= 3	x \$ 18	= \$ 54
Ind. 5	- 3	= 2	x \$ 86	= \$ 172
Multiple Dependent Claims		x	\$	\$

Subtotal (2) \$ 226

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent Claim
1204	86	2204	43	Reissue independent claims over original patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - Late filing fee or oath	\$
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	\$
1053	130	1053	130	Non-English specification	\$
1812	2,520	1812	2,520	For Filing a Request for <i>ex parte</i> Reexamination	\$
1804	920	1804	920	Requesting publication of SIR prior to Examiner action	\$
1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	420	2252	210	Extension for reply within 2 nd month	\$
1253	950	2253	475	Extension for reply within 3 rd month	\$
1254	1,480	2254	740	Extension for reply within 4 th month	\$
1255	2,010	2255	1,005	Extension for reply within 5 th month	\$
1401	330	2401	165	Notice of Appeal	\$
1402	330	2402	165	Filing a brief in support of an appeal	\$
1403	290	2403	145	Request for oral hearing	\$
1814	110	2814	55	Terminal Disclaimer Fee	\$
1452	110	2452	55	Petition to revive - unavoidable	\$
1453	1,330	2453	665	Petition to revive - unintentional	\$
1501	1,330	2501	665	Utility/Reissue issue fee	\$
1502	480	2502	240	Design issue fee	\$
1503	640	2503	320	Plant issue fee	\$
1460	130	1460	130	Petitions to the Commissioner	\$
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	\$
1808	180	1808	180	Submission of IDS	\$
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	\$
1801	770	2801	385	Request for Continued Examination (RCE)	\$

Other fee (specify)

Subtotal (3) \$0

Total Amount of Payment: \$ 226

Submitted by:

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Signature:

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Date:

June 2, 2004